

FIG. 3

- 11: POSITION DETECTION MEANS
- 12: SIGNAL GENERATION MEANS
- 13: DRIVE MEANS
- 5 14: VIBRATION CONTROL MEANS

FIG. 4

- 1: CYCLE
- 2: DISPLACEMENT
- 10 3: VIBRATIONAL WAVEFORM
- 4: DRIVE SIGNAL
- 5: CYCLE
- 6: RESONANCE FREQUENCY
- 7: ACCUMULATION SIGNAL
- 15 8: DAMPING SIGNAL
- 9: FORWARD DIRECTION
- 10: REVERSE DIRECTION

FIG. 5

- 20 1: ENVELOPE
- 2: VIBRATIONAL WAVEFORM
- 3: ACCUMULATION SIGNAL
- 4: DAMPING SIGNAL
- 5: DRIVE SIGNAL

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FIG. 6

- 1: ENVELOPE

2: VIBRATIONAL WAVEFORM

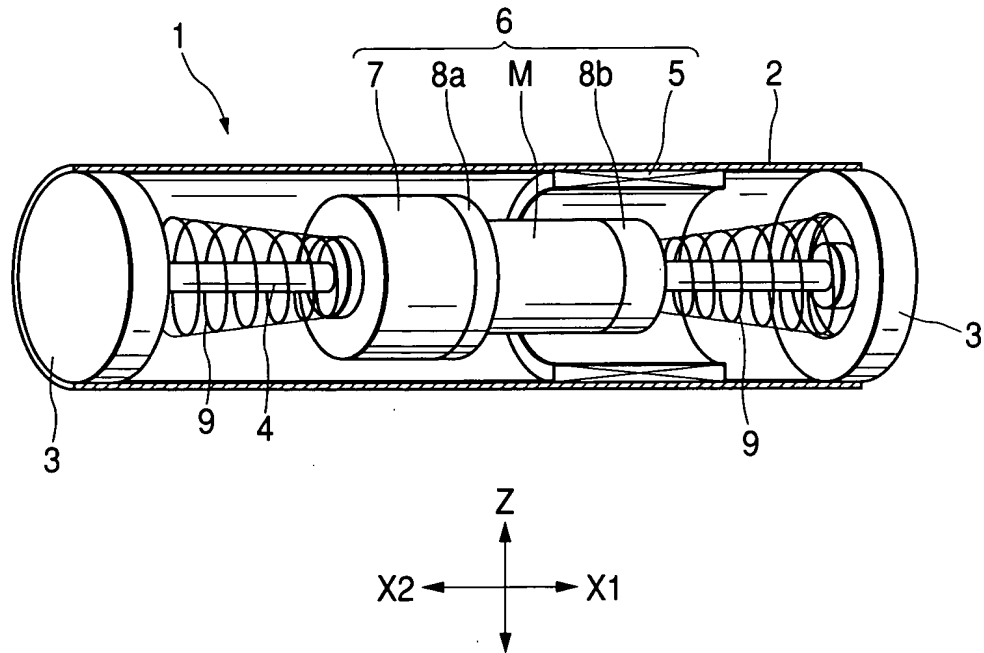
3: ACCUMULATION SIGNAL

4: DAMPING SIGNAL

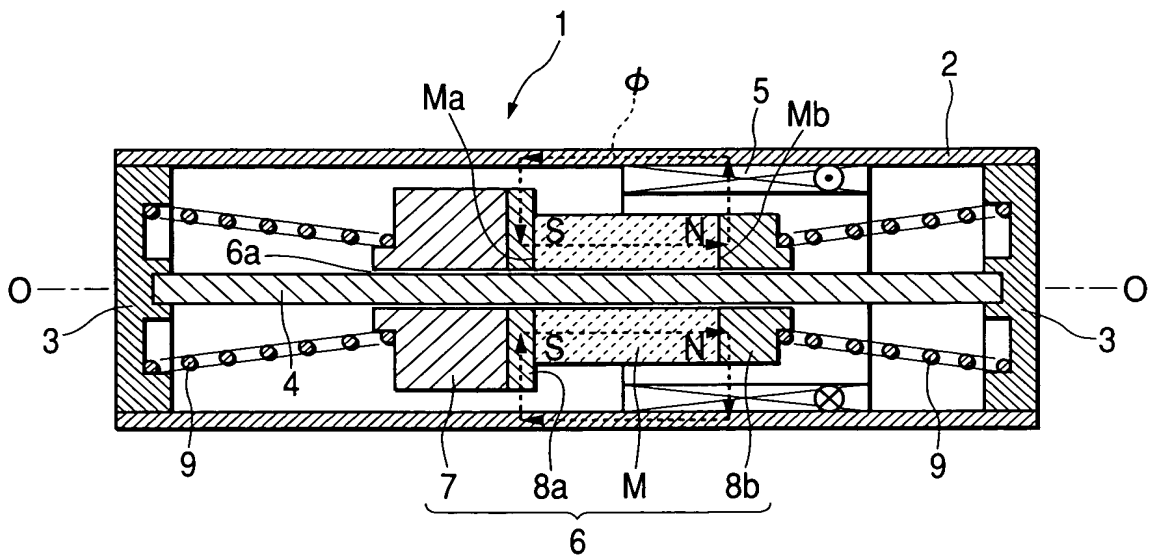
5: DRIVE SIGNAL

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**FIG. 1A**

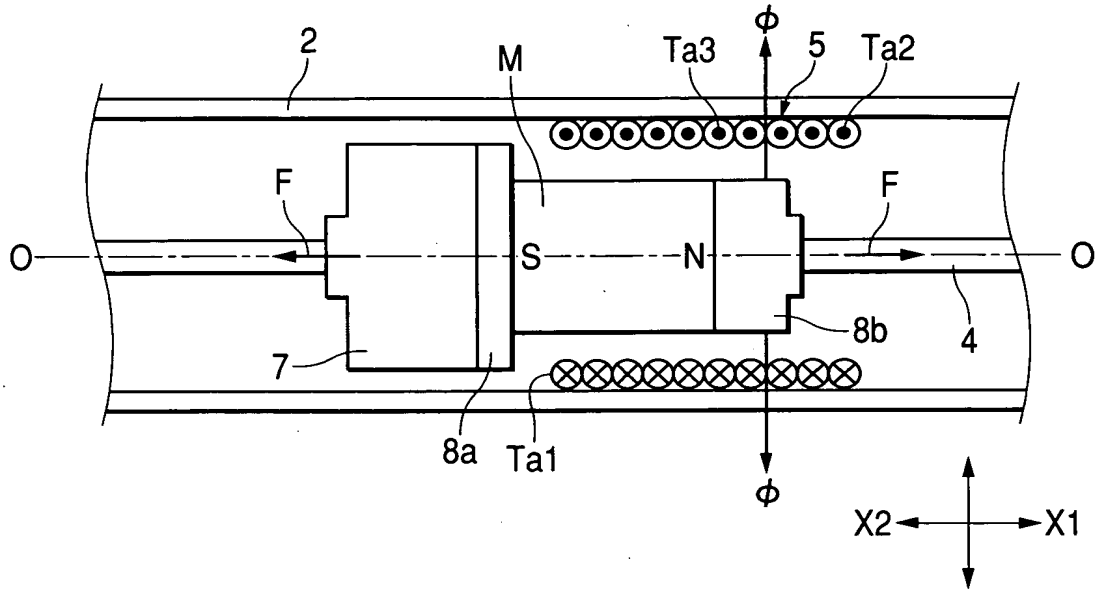


**FIG. 1B**

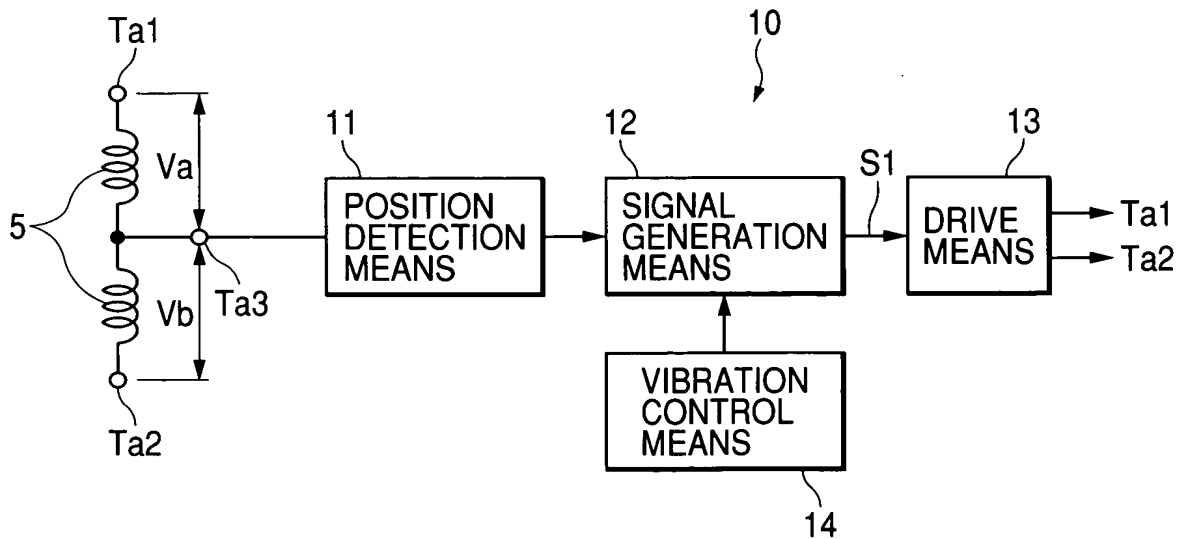


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**FIG. 2**

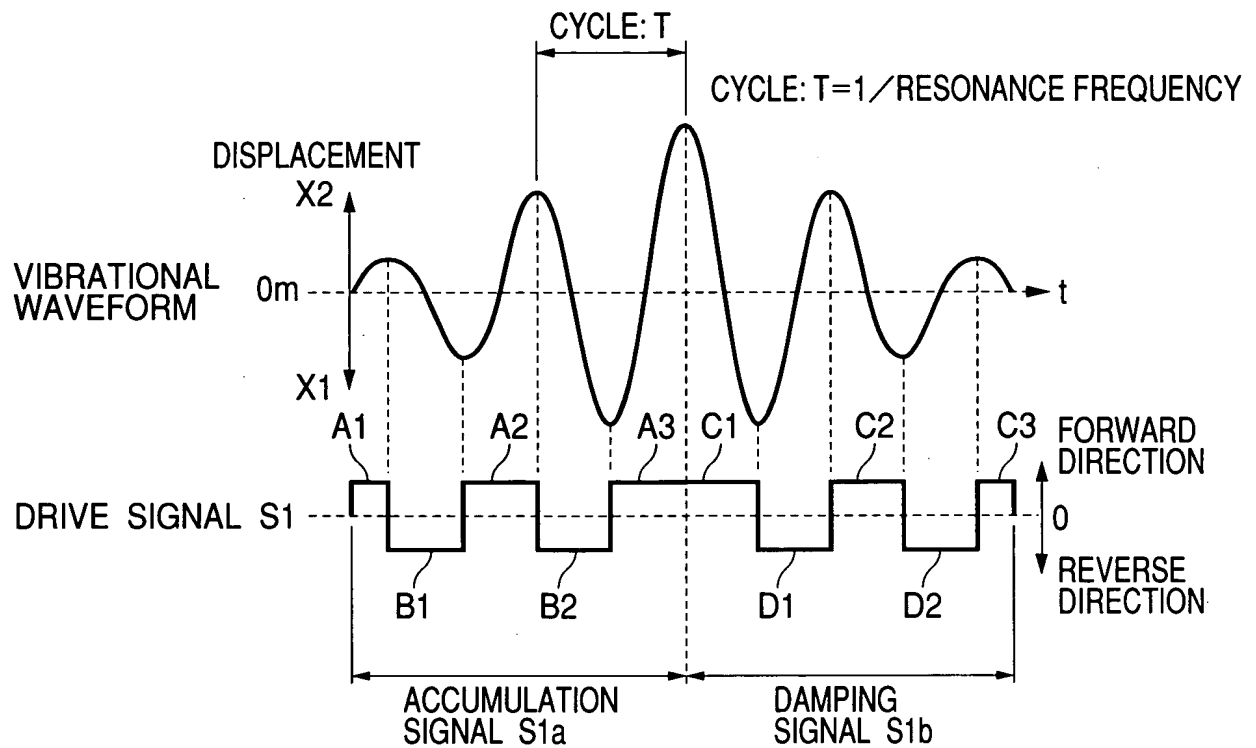


**FIG. 3**



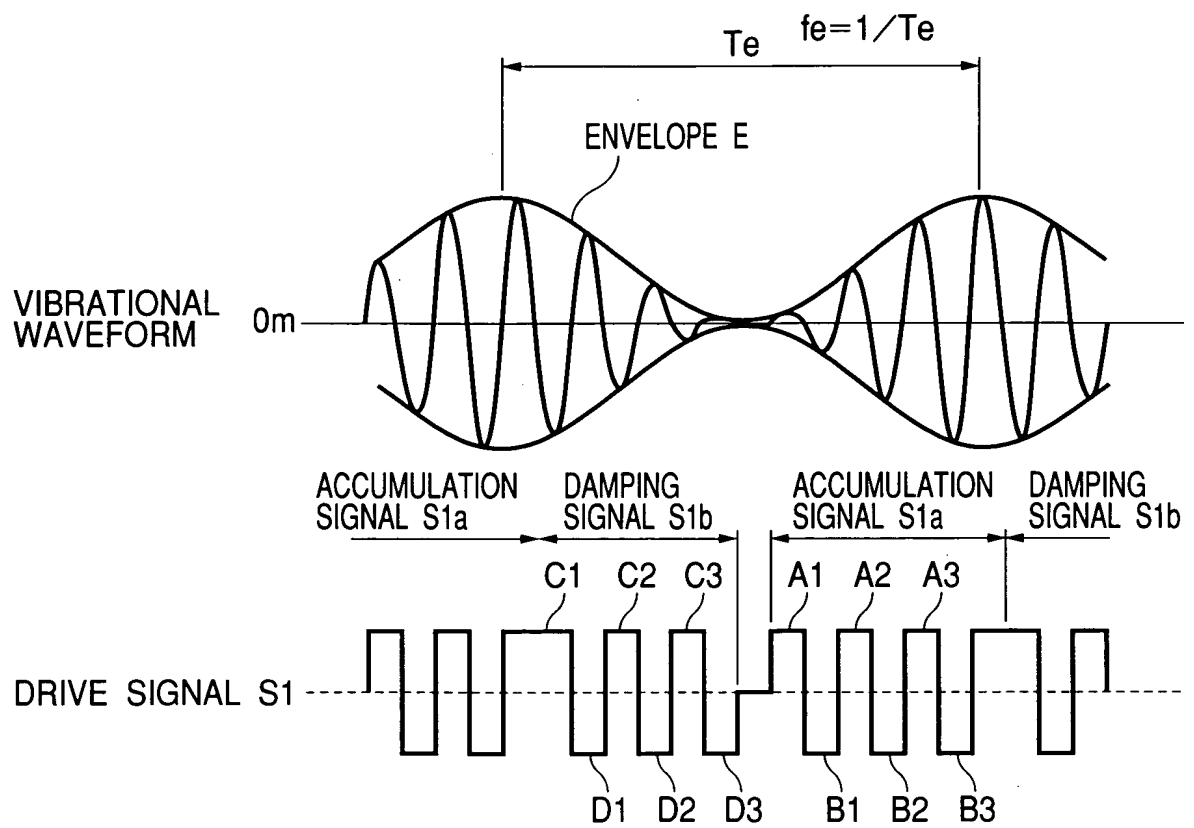
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**FIG. 4**



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**FIG. 5**



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**FIG. 6**

